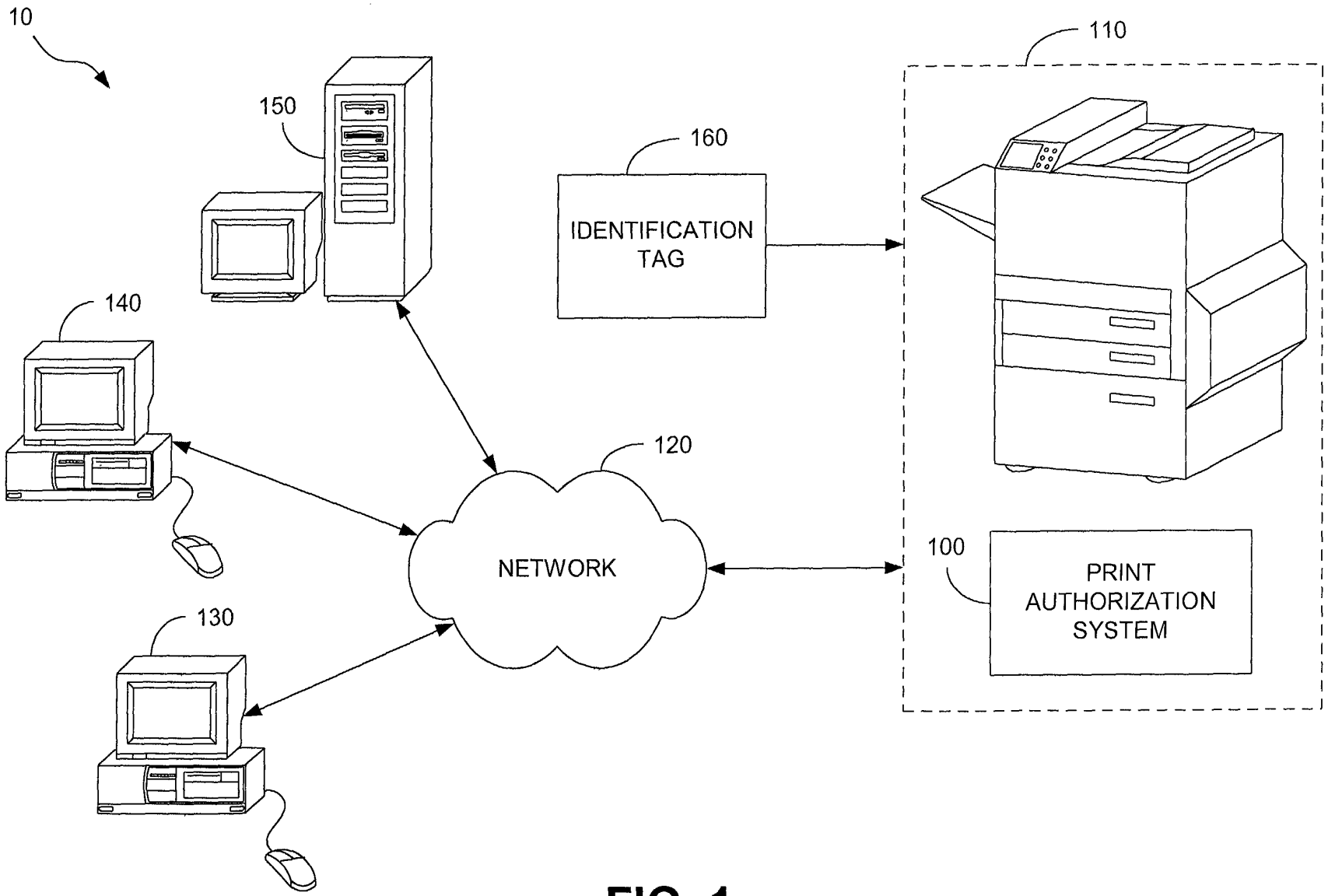
10
110
150
160
IDENTIFICATION TAG
140
120
NETWORK
100
PRINT AUTHORIZATION SYSTEM
130

FIG. 1

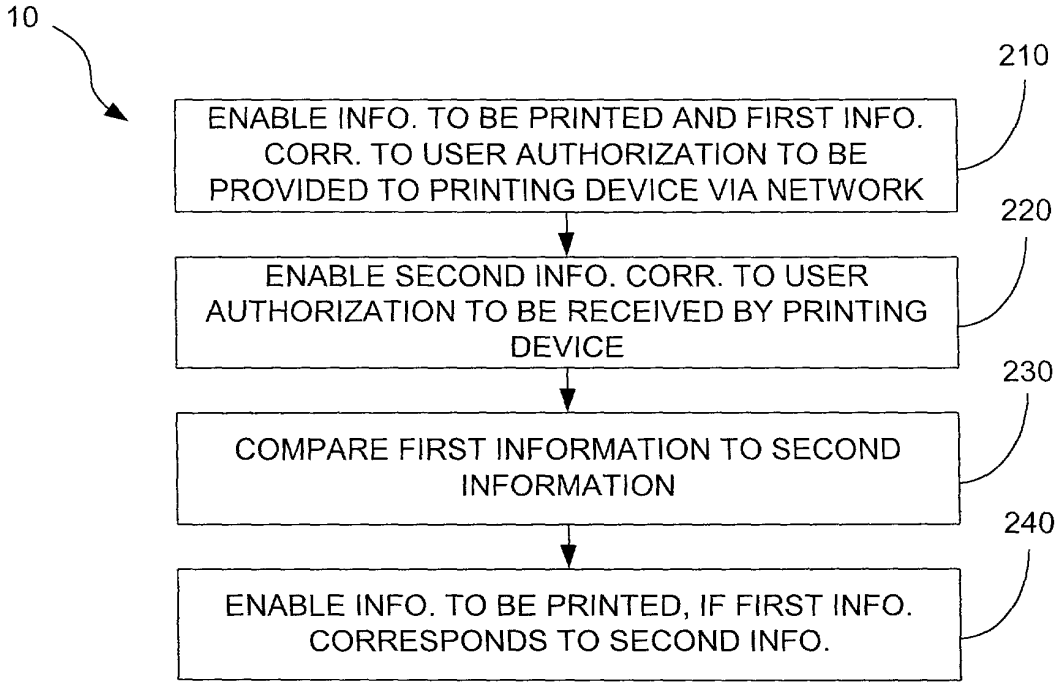
10
210
ENABLE INFO. TO BE PRINTED AND FIRST INFO. CORR. TO USER AUTHORIZATION TO BE PROVIDED TO PRINTING DEVICE VIA NETWORK
220
ENABLE SECOND INFO. CORR. TO USER AUTHORIZATION TO BE RECEIVED BY PRINTING DEVICE
230
COMPARE FIRST INFORMATION TO SECOND INFORMATION
240
ENABLE INFO. TO BE PRINTED, IF FIRST INFO. CORRESPONDS TO SECOND INFO.

FIG. 2

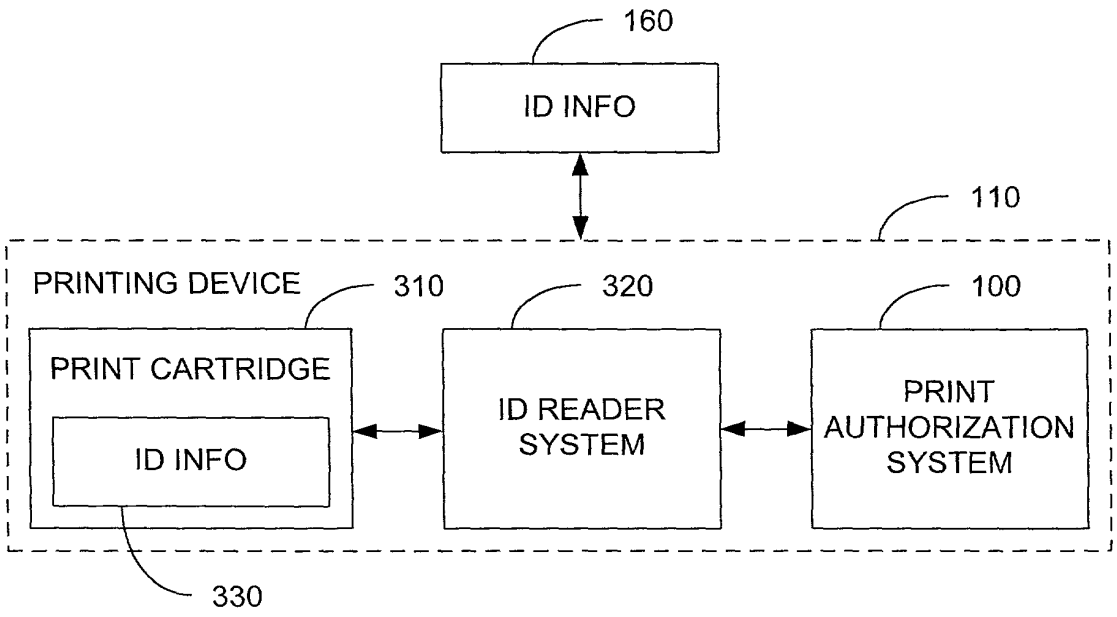
160
ID INFO
110
PRINTING DEVICE
310
320
100
PRINT CARTRIDGE
ID INFO
ID READER SYSTEM
PRINT AUTHORIZATION SYSTEM
330

FIG. 3

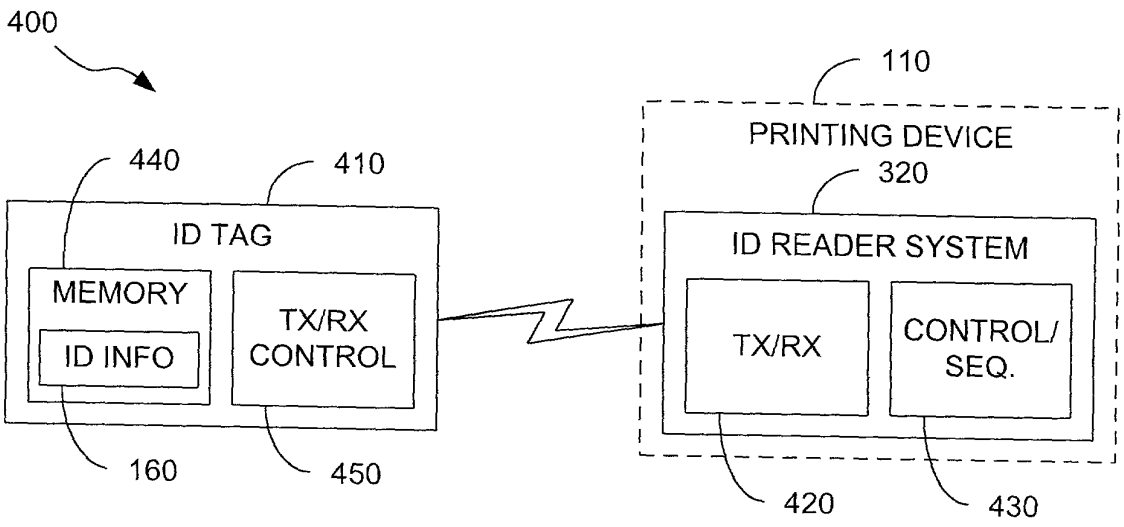
400
110
PRINTING DEVICE
320
440
410
ID TAG
MEMORY
ID INFO
TX/RX
CONTROL
ID READER SYSTEM
TX/RX
CONTROL/
SEQ.
160
450
420
430

FIG. 4

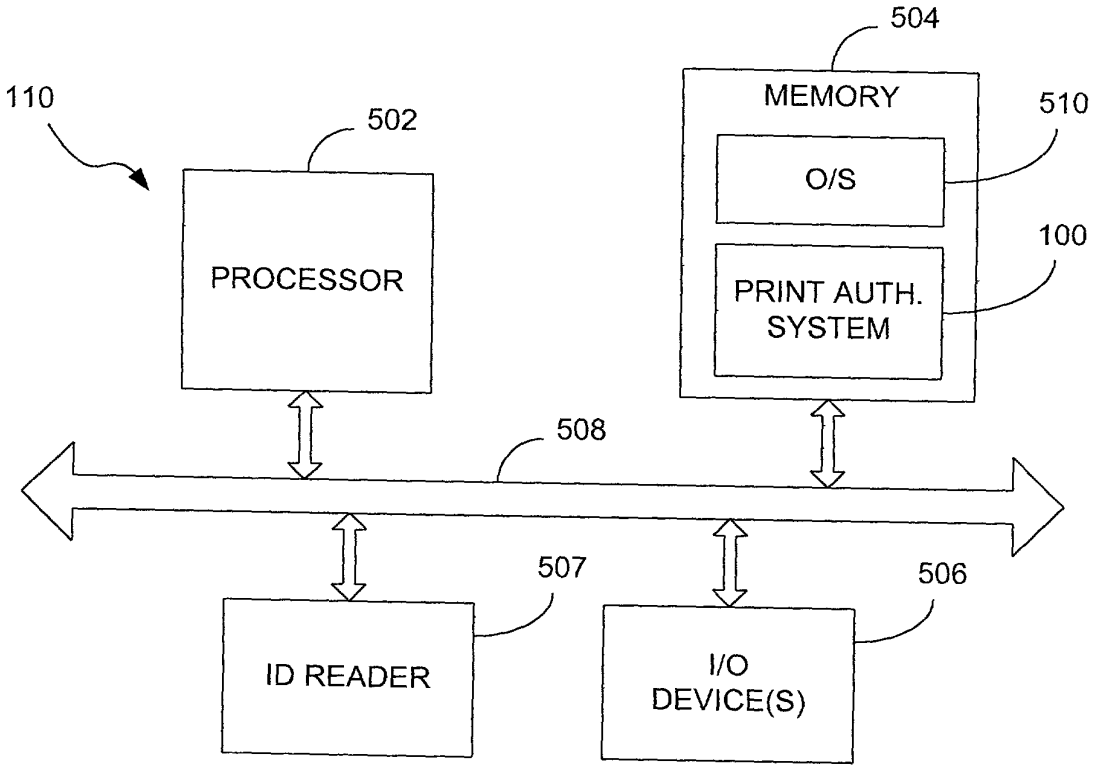
504
110
502
MEMORY
510
O/S
100
PROCESSOR
PRINT AUTH.
SYSTEM
508
507
506
ID READER
I/O
DEVICE(S)

FIG. 5

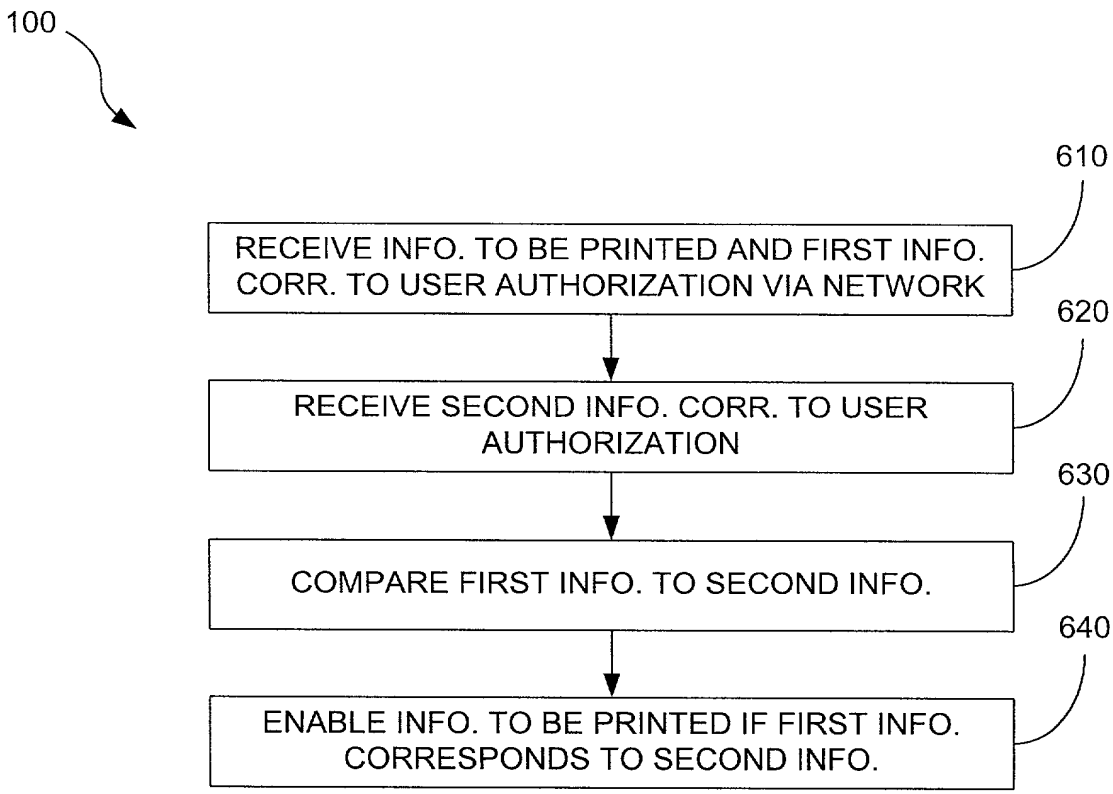
100
610
RECEIVE INFO. TO BE PRINTED AND FIRST INFO. CORR. TO USER AUTHORIZATION VIA NETWORK
620
RECEIVE SECOND INFO. CORR. TO USER AUTHORIZATION
630
COMPARE FIRST INFO. TO SECOND INFO.
640
ENABLE INFO. TO BE PRINTED IF FIRST INFO. CORRESPONDS TO SECOND INFO.

FIG. 6

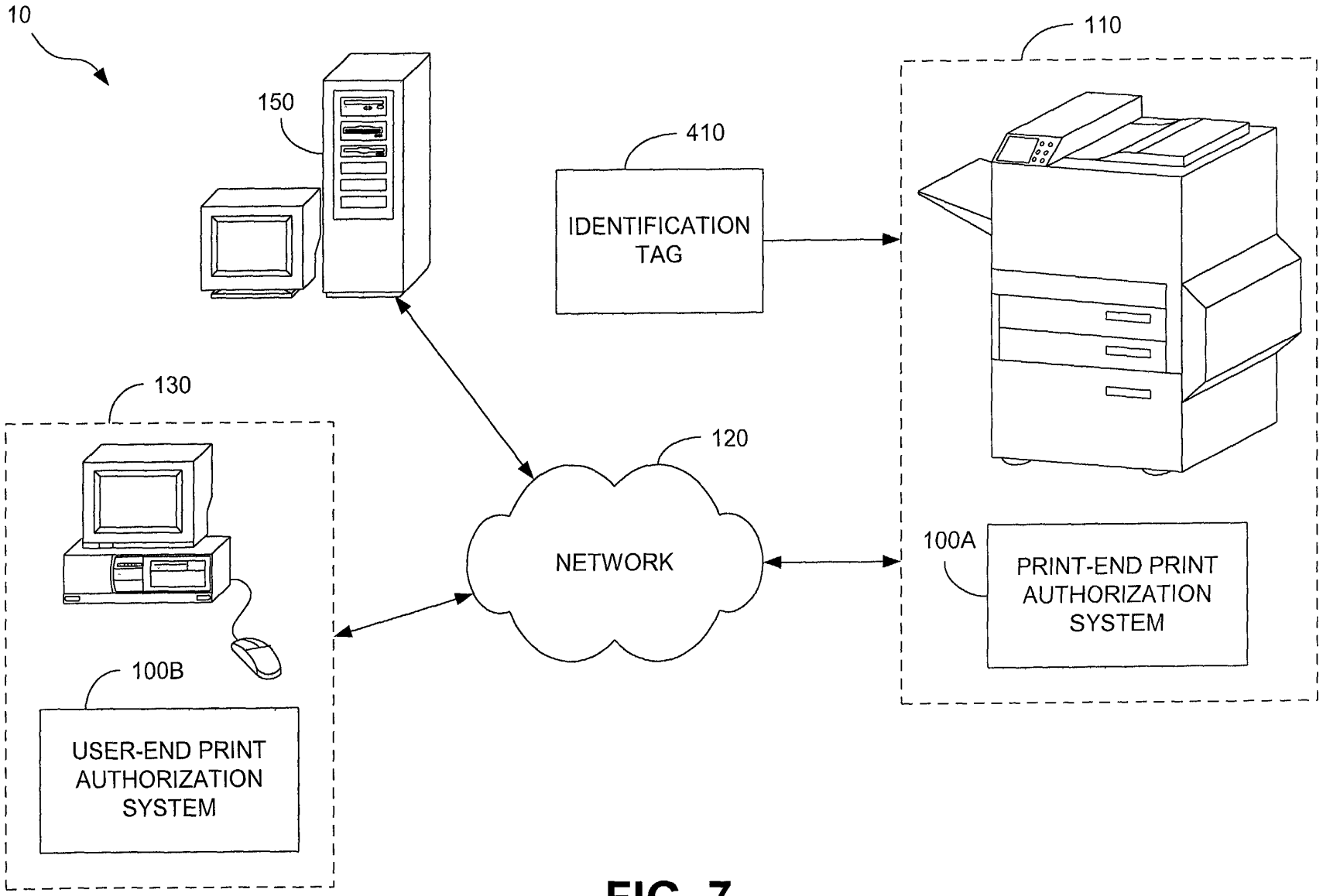
10
110
150
410
IDENTIFICATION TAG
130
120
NETWORK
100A
PRINT-END PRINT AUTHORIZATION SYSTEM
100B
USER-END PRINT AUTHORIZATION SYSTEM

FIG. 7

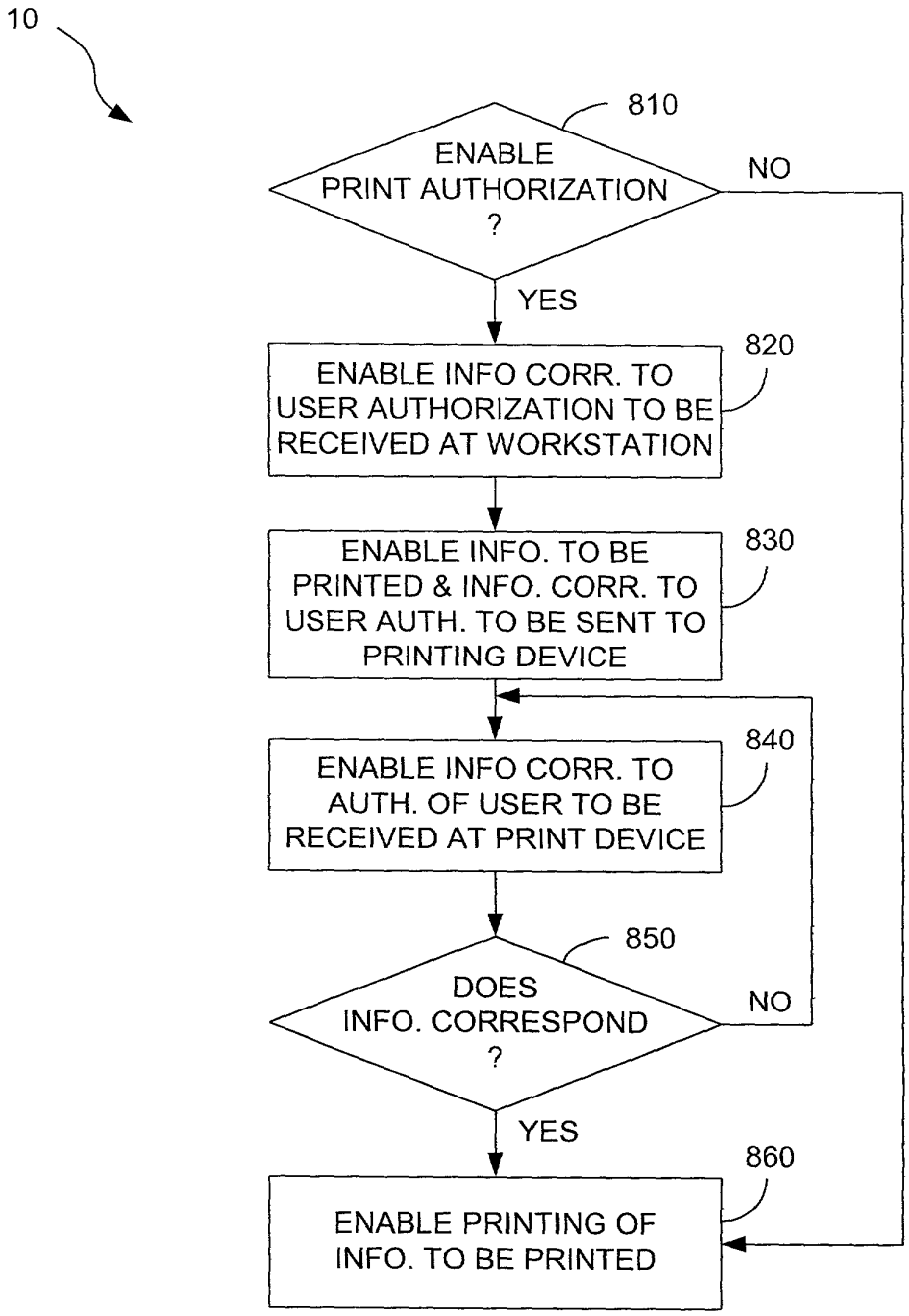
10
810
ENABLE PRINT AUTHORIZATION ?
NO
YES
820
ENABLE INFO CORR. TO USER AUTHORIZATION TO BE RECEIVED AT WORKSTATION
830
ENABLE INFO. TO BE PRINTED & INFO. CORR. TO USER AUTH. TO BE SENT TO PRINTING DEVICE
840
ENABLE INFO CORR. TO AUTH. OF USER TO BE RECEIVED AT PRINT DEVICE
850
DOES INFO. CORRESPOND ?
NO
YES
860
ENABLE PRINTING OF INFO. TO BE PRINTED

FIG. 8

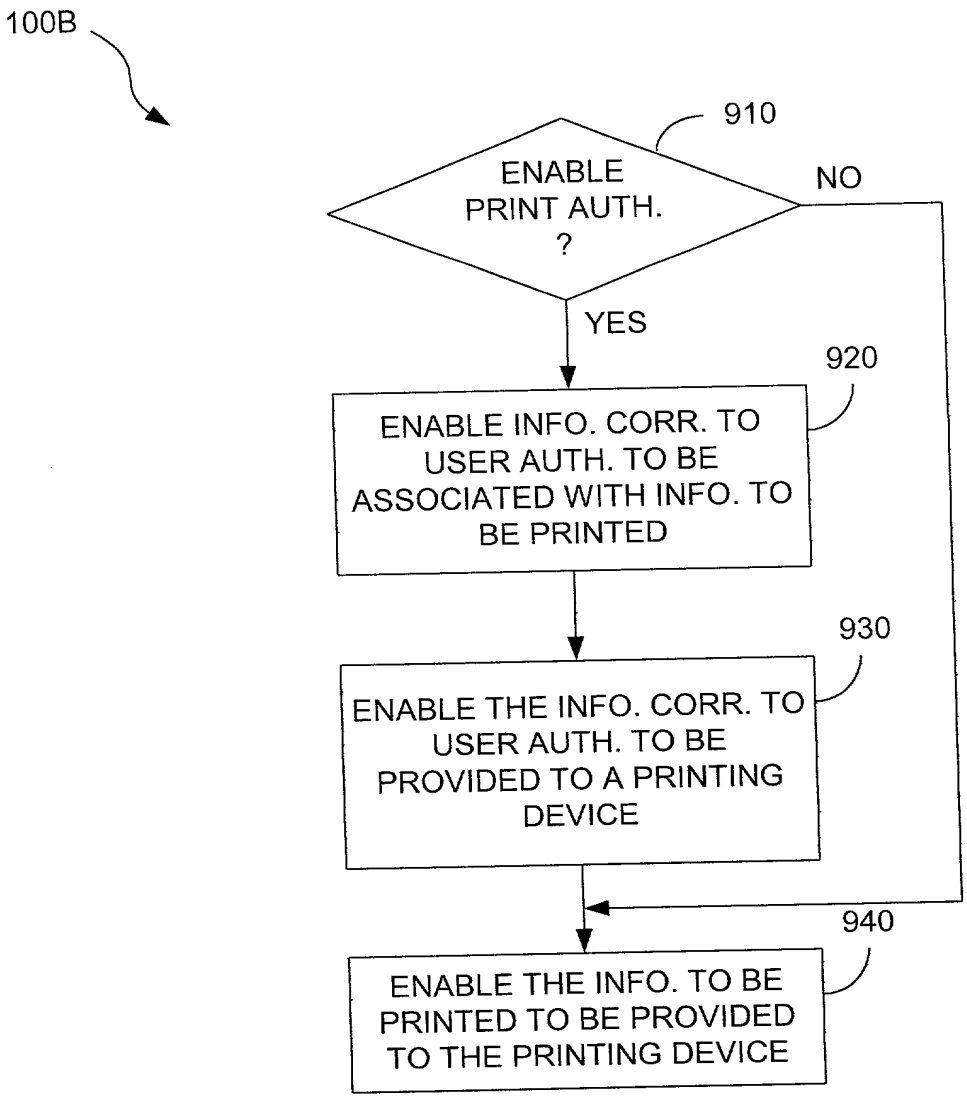
100B
910
ENABLE PRINT AUTH. ?
NO
YES
920
ENABLE INFO. CORR. TO USER AUTH. TO BE ASSOCIATED WITH INFO. TO BE PRINTED
930
ENABLE THE INFO. CORR. TO USER AUTH. TO BE PROVIDED TO A PRINTING DEVICE
940
ENABLE THE INFO. TO BE PRINTED TO BE PROVIDED TO THE PRINTING DEVICE

FIG. 9

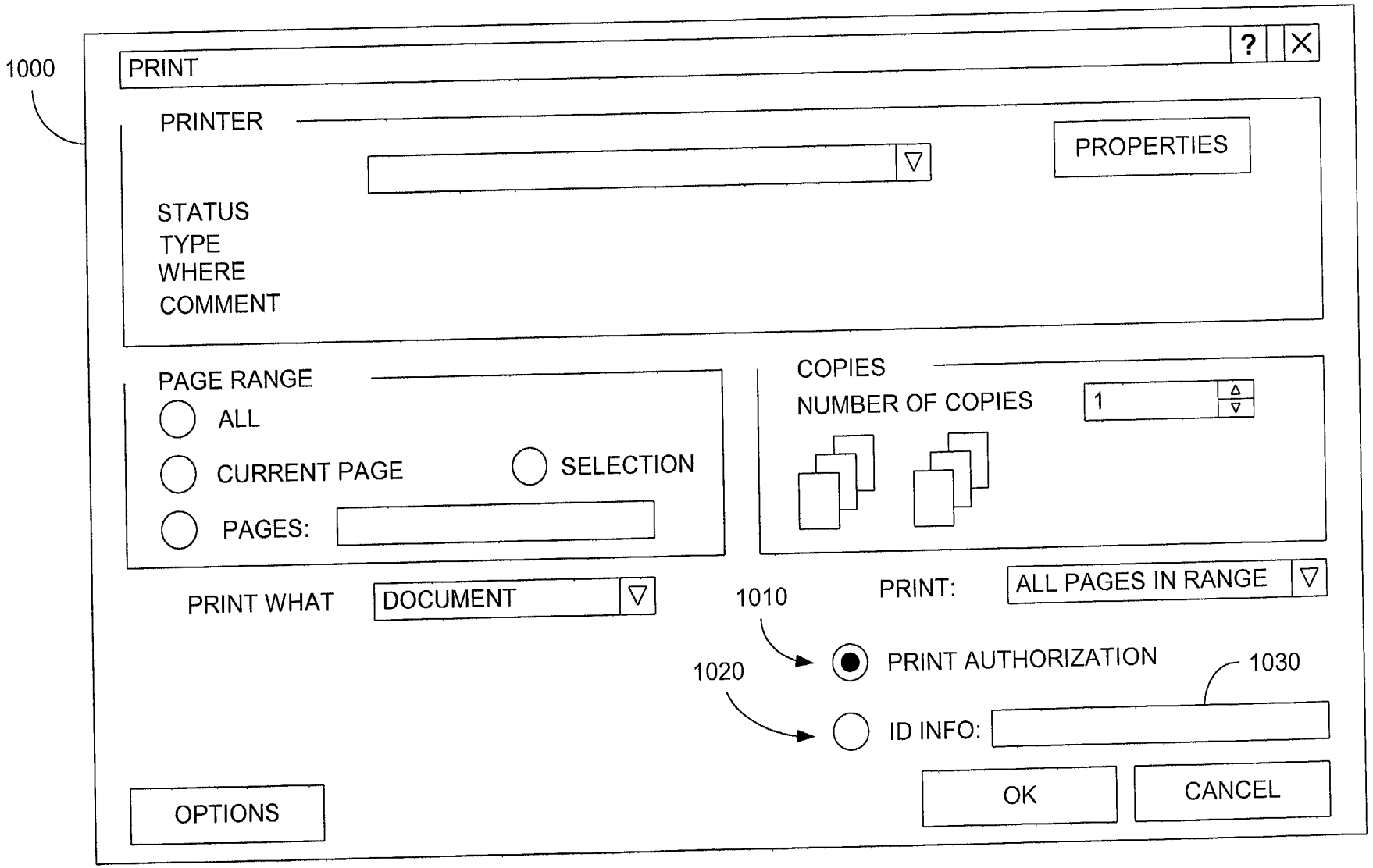
1000
PRINT
?
PRINTER
PROPERTIES
STATUS
TYPE
WHERE
COMMENT
PAGE RANGE
ALL
CURRENT PAGE
SELECTION
PAGES:
COPIES
NUMBER OF COPIES
1
PRINT WHAT
DOCUMENT
PRINT:
ALL PAGES IN RANGE
1010
PRINT AUTHORIZATION
1020
1030
ID INFO:
OPTIONS
OK
CANCEL

FIG. 10

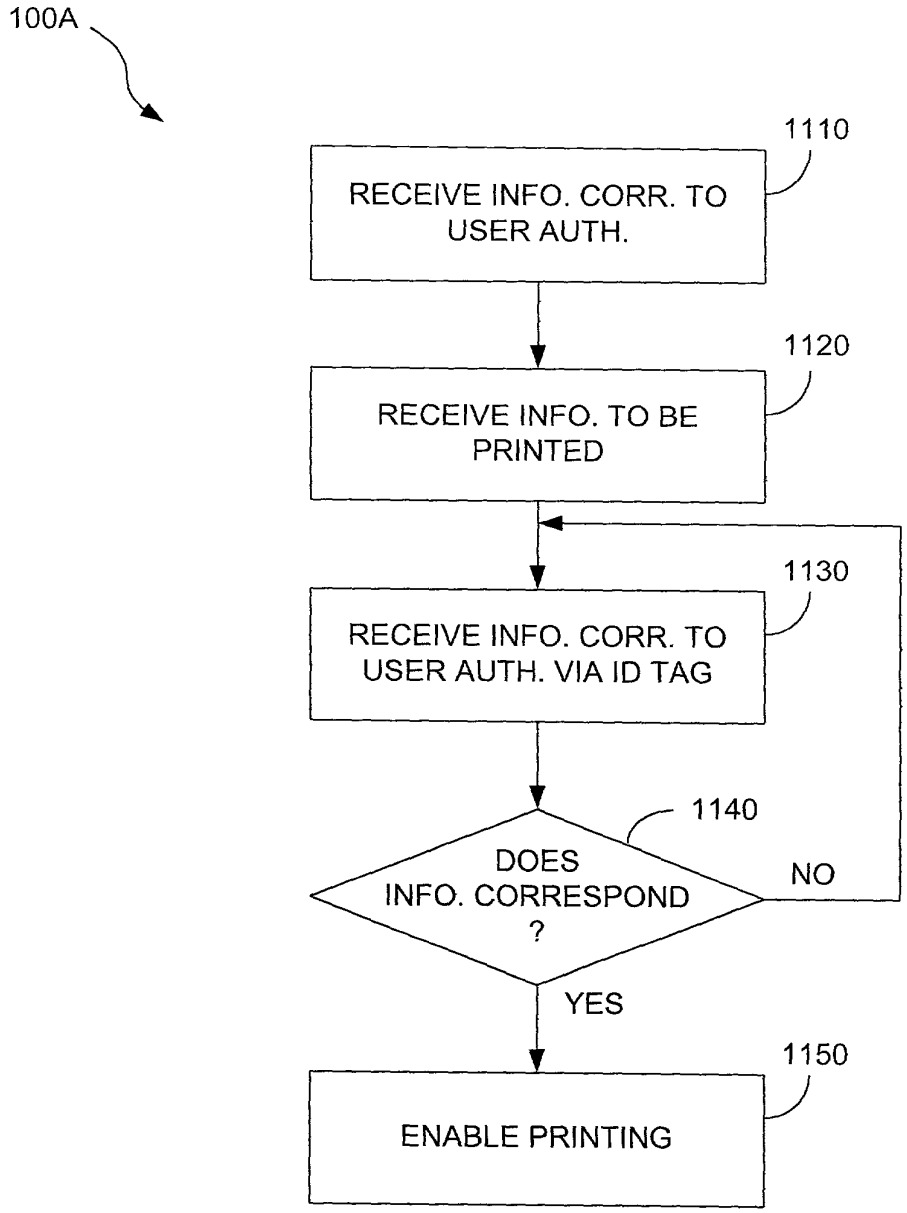
100A
1110
RECEIVE INFO. CORR. TO USER AUTH.
1120
RECEIVE INFO. TO BE PRINTED
1130
RECEIVE INFO. CORR. TO USER AUTH. VIA ID TAG
1140
DOES INFO. CORRESPOND ?
NO
YES
1150
ENABLE PRINTING

FIG. 11

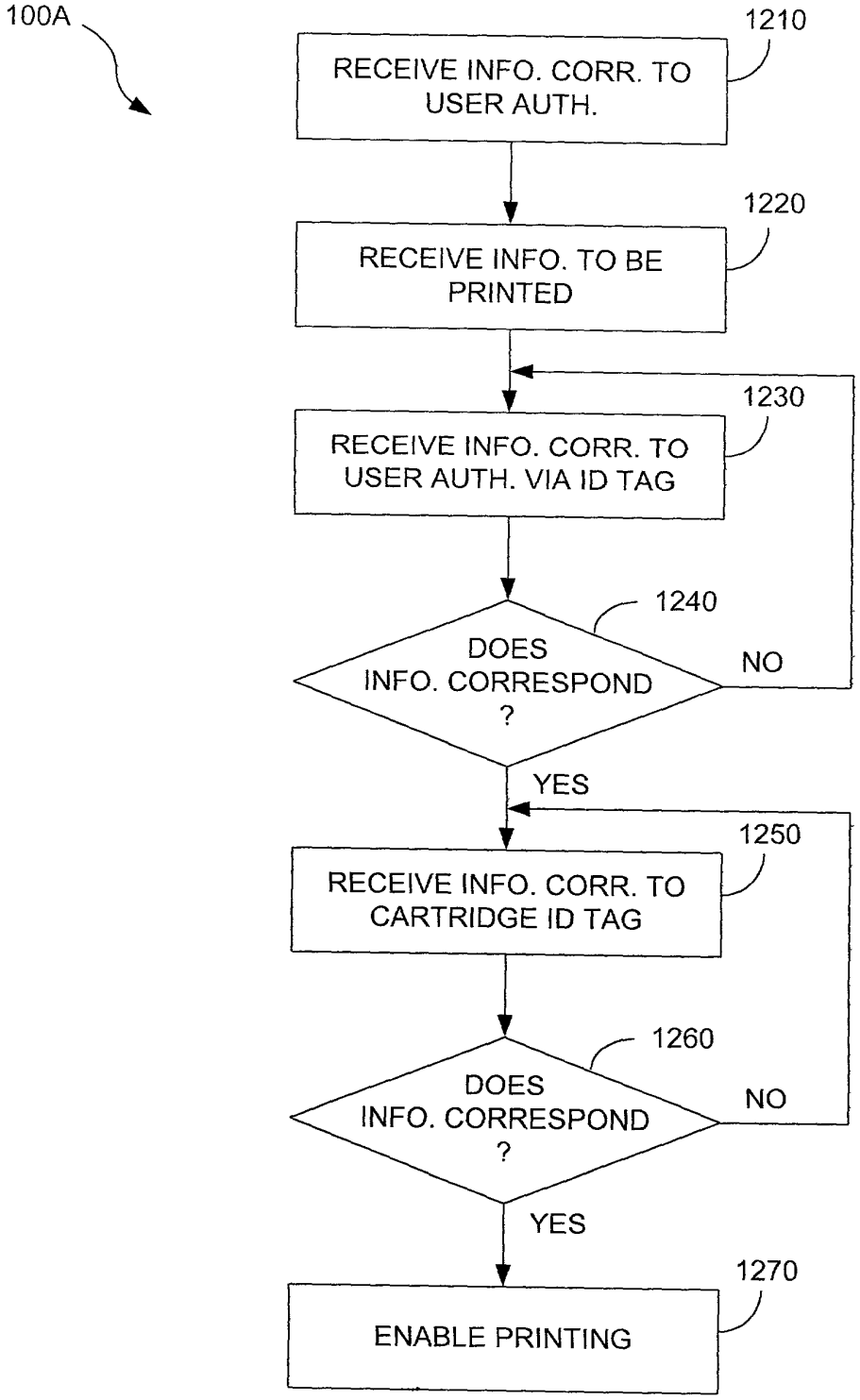
100A
1210
RECEIVE INFO. CORR. TO USER AUTH.
1220
RECEIVE INFO. TO BE PRINTED
1230
RECEIVE INFO. CORR. TO USER AUTH. VIA ID TAG
1240
DOES INFO. CORRESPOND ?
NO
YES
1250
RECEIVE INFO. CORR. TO CARTRIDGE ID TAG
1260
DOES INFO. CORRESPOND ?
NO
YES
1270
ENABLE PRINTING

FIG. 12